

SEQ ID NO:1 TCGAGCCCC ATG AGG TGT AGC CCC GGA GGA GTG TGG CTG GCA CTG GCA 39
SEQ ID NO:2 M R C S P G G V N L A L A 13

GCA TCT CTC CTG CAC GTG TCC CTG CAA GCC GAG TTC CAG AGG AAG CTT 87
A S L L H V S L Q G E F Q R K L 29

TAC AAG GAG CTG GTC AAG AAC TAC AAT CCC TTG GAG AGG CCC GTG GCC 135
Y K E L V K N Y N P L E R P V A 45

AAT GAC TCG CAA CCA CTC ACC GTC TAC TTC TCC CTG AGC CTC CTG CAG 183
N D S Q P L T V Y F S L S L L Q 61

ATC ATG GAC CTG GAT GAG AAG AAC CAA GTT TTA ACC ACC AAC ATT TGG 231
I M D V D E K N Q V L T T N I W 77 2/10

CTG CAA ATG TCT TGG ACA GAT CAC TAT TTA CAG TGG AAT GTG TCA GAA 279
L Q M S W T D H Y L Q W N V S E 93

TAT CCA GGG GTG AAG ACT GTT CGT TTC CCA GAT GGC CAG ATT TGG AAA 327
Y P G V K T V R F P D G Q I W K 109

CCA GAC ATT CTT CTC TAT AAC AGT GCT GAT GAG CGC TTT GAC GCC ACA 375
P D I L L Y N S A D E R F D A T 125

FIG. 2A

SEQ ID NO:1 TTC CAC ACT AAC GTG TTG GTG AAT TCT TCT GGG CAT TGC CAG TAC CTG 423
SEQ ID NO:2 F H T N V L V N S S G H C Q Y L 141

CCT CCA GGC ATA TTC AAG AGT TCC TGC TAC ATC GAT GTA CGC TGG TTT 471
P P G I F K S S C Y I D V R W F 157

CCC TTT GAT GTG CAG CAC TGC AAA CTG AAG TTT GGG TCC TGG TCT TAC 519
P F D V Q H C K L K F G S N S Y 173

GGA GGC TGG TCC TTG GAT CTG CAG ATG CAG GAG GCA GAT ATC AGT GGC 567
G G W S L D L Q M Q E A D I S G 189

TAT ATC CCC AAT GGA GAA TGG GAC CTA CTG GGA ATC CCC GGC AAG AGG 615 ^w
Y I P N G E W D L V G I P G K R 205 ^O

AGT GAA AGG TTC TAT GAG TGC TGC AAA GAG CCC TAC CCC GAT GTC ACC 663
S E R P Y E C C K E P Y P D V T 221

TTC ACA GTG ACC ATG CGC CGC AGG ACA CTG TAC TAT GGC CTC AAC CTG 711
F T V T M R R R T L Y Y G L N L 237

CTG ATC CCC TGT GTG CTC ATC TCC GCC CTC GCC CTG CTG GTG TTC CTG 759
L I P C V L I S A L A L L V P L 253

CTT CCT GCA GAT TCC GGG GAG AAG ATT TCC CTG GGG ATA ACA GTC TTA 807
L P A D S G E K I S L G I T V L 269

FIG. 2B

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SEQ ID NO:1 CTC TCT CTT ACC ACC TTC ATG CTG CTC GTG GCT GAG ATC ATG CCC GCA 855
SEQ ID NO:2 L S L T T F M L L V A E I M P A 285

ACA TCC GAT TGG CTA CCA TTC ATA GCC CAG TAC TTC GCC AGC ACC ATG 903
T S D S V P L I A Q Y F A S T M 301

ATC ATC GTG GGC CTC TCG GTG GTG CTC AGC GTG ATC GTG CTG CAG TAC 951
I I V G L S V V V T V I V L Q Y 317

CAC CAC CAC GAC CCC GAC GGC GGC AAG ATG CCC AAG TGG ACC AGA GTC 999
H H H D P D G G K M P K W T R V 333

▲
ATC CTT CTG AAC TGG TGC GCG TGG TTC CTG CAA ATG AAG AGG CCC GGG 1047
I L L N W C A W F L R M K R P G 349

○
GAG GAG AAG GTG CGC CGC GGC TGC CAG CAC AAG CAG CAG CGG CGC TGC AGC 1095
S D K V R P A C Q H K Q R R C S 350

CTG GCC AGT GTG GAG ATG AGC GGC GTG GCG CGG CGC CCC GGC AGC AAC 1143
L A S V E M S A V A P P P A S N 366

FIG. 2C

SEQ ID NO:1 GGG AAC CTG CTG TAC ATC GGC TTC CGC GGC CTG GAC GGC GTG CAC TGT 1191
SEQ ID NO:2 G N L L Y I G F R G L D G V H C 382

GTC CGG ACC CCC GAC TCT GGG GTA GTG TGT GGC CGC ATG GGC TGC TCC 1239
V P T P D S G V V C G R M A C S 398

CCC ACG CAC GAT GAG CAC CTC CTG CAC GGC GGG GAA CCC CCG GAG GGG 1287
P T H D E H L L H G G Q P P E G 414

GAC CGG GAC TTG GCC AAG ATC CTG GAG GAG GTC CGC TAC ATT GCC AAC 1335
D P D L A K I L E E V R Y I A N 430

CGC TTC CGC TCC CAG GAC GAA ACC GAG GCG GTC TCC AGC GAG TGG AAG 1383 □
R F R C Q D E S E A V C S E W K 446 ○

TTC GCC GCC TGT GTG GTG GAC CGC CTG TGC CTC ATG GCC TTC TOG GTC 1431
P A A C V V D R L C L M A P S V 462

TTC ACC ATC ATC TGC ACC ATC GGC ATC CTG ATG TCG GCT CCC AAC TTC 1479
P T I I C T I G I L M S A P N F 478

GTG GAG GCC GTG TCC AAA GAC TTT GCG TAACCACGCCCTGGTCTGTACATGTGG
V E A V S K D F A

AAAACTCACAGATGGCAAGCCCTTGCTTGGCGAGATTGGCGGAA

FIG. 2D